AN

INTERNSHIP REPORT

ON

E-HELPING HOUSING SOCIETY PROJECT REPORT

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1. TITLE − PROPOSED SYSTEM

The basic concept of this society system, we create global web based application in asp.net with C# language to manage Society with House and Owner of house detail.

We provide platform to register society to our system, and there are many houses according to each society. Each house allocated to owner of house, all the owner are members of our project.

After becoming a member they can login to give his house on rent or sell for all users.

The people can easily find search the rent house or sell house in which society and get contact detail of owner of house by visiting our website.

All members can make online complain related home to society management.

2. Introduction

In this society management system all the society categorize by the number of houses. The people who lives in house they may be a owner of house or tenant of house.

In this era, people are very busy with their routine work, so they do not have time for complain small problem related to houses.

We have developed the system for society member they can make complain form any where any time and we resolve the Complain as soon as possible.

In this system people can easily find address of the house by providing member name.

The Member of our system can give advertise his house for rent and sell easily through our system by login his login detail.

The main purpose of this site is to find out the house for rent and house for buy easily by visiting website.

3. REQUIREMENT SPECIFICATION

SOFTWARE REQUIREMENT

Operating System	Windows 10
Front End	Visual Studio Asp.Net 2010 with C# Language
Back end	SQL SERVER 2008 Database

HARDWARE REQUIREMENT

Processor	Pentium III ,3.45 Dual Core Xeon
RAM	1Gb
Hard Disk	1GB Or More Hard Disk
Accessories	CPU, Keyboard ,Mouse, Printer

4. SYSTEM DESIGN

In this society helping system there are three types of user one is **Admin, Owner of house** or member of website and the third rest of **all other people**.

1. ADMIN

- Admin can manage all the system by login with his username and password.
- Admin can register or add detail of society and create or add detail of number of houses of particular society.
- After crating a house, allocate the house to member and generate username and password for all the member of this system. The member is a owner of house.
- Admin can responsible for solve complain made by any member of the system.
- Admin can manage reports of rent house, sell house and complain.

2. MEMBER or OWNER

- In our society system admin can allocate house to member and member is a owner of house. Member can easily put his house on rent and sell whenever he wants.
- Member can make any complain related to house by login his account and he can change his account detail, contact detail.
- Member can receive message from users regarding to rent or buy his house in his message box

3. USER

- User are the people who just search our website. User can easily find out detail of house or get easily address of the house by providing member name or society name from our search page.
- User can easily know about how many houses are on rent and how many on sell in which society with member detail through our society helping system website.

4.1. DESIGN

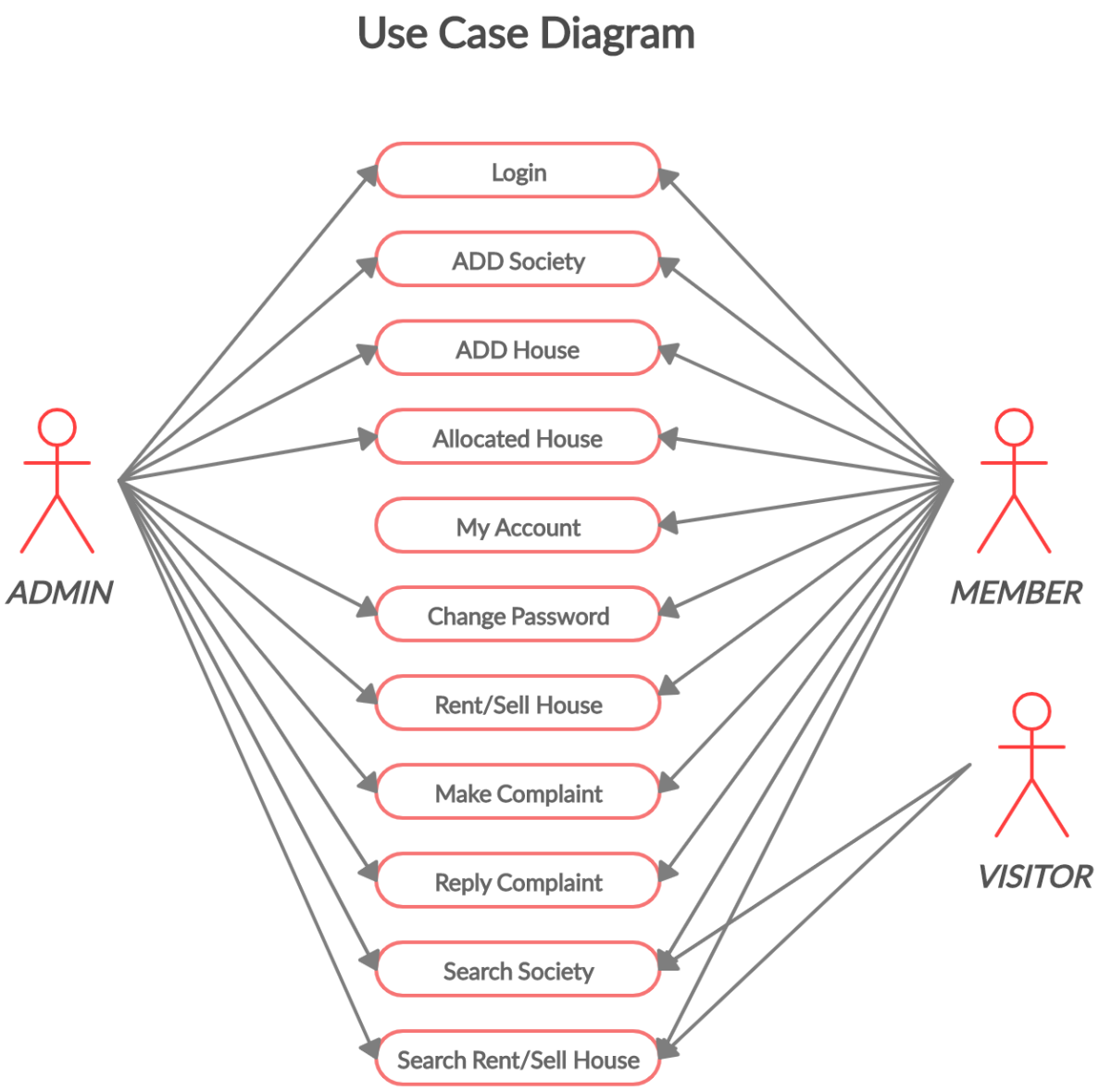
Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

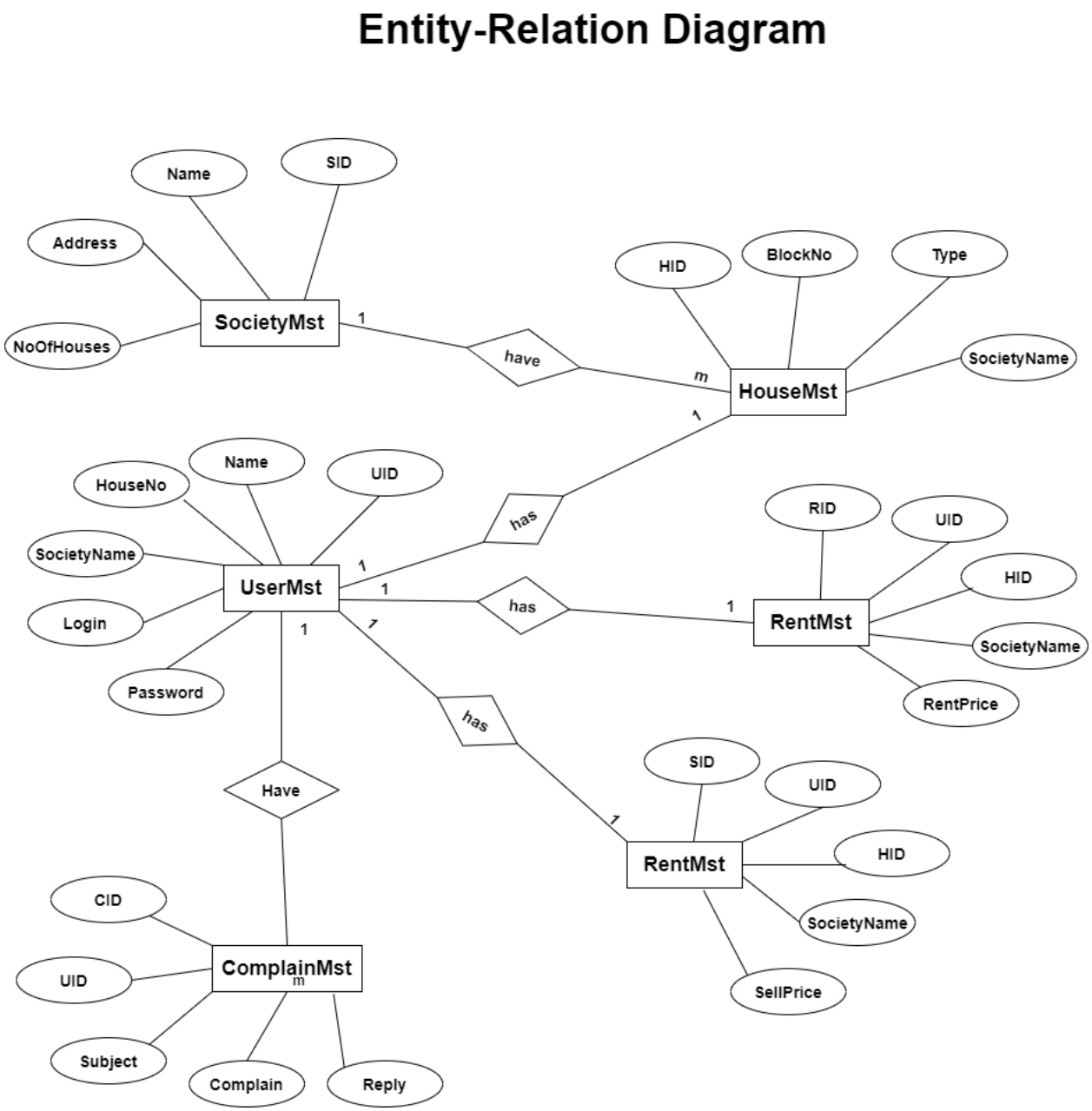
4.2 USE CASE DIAGRAM

- A **Use Case Diagram** at its simplest is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved.



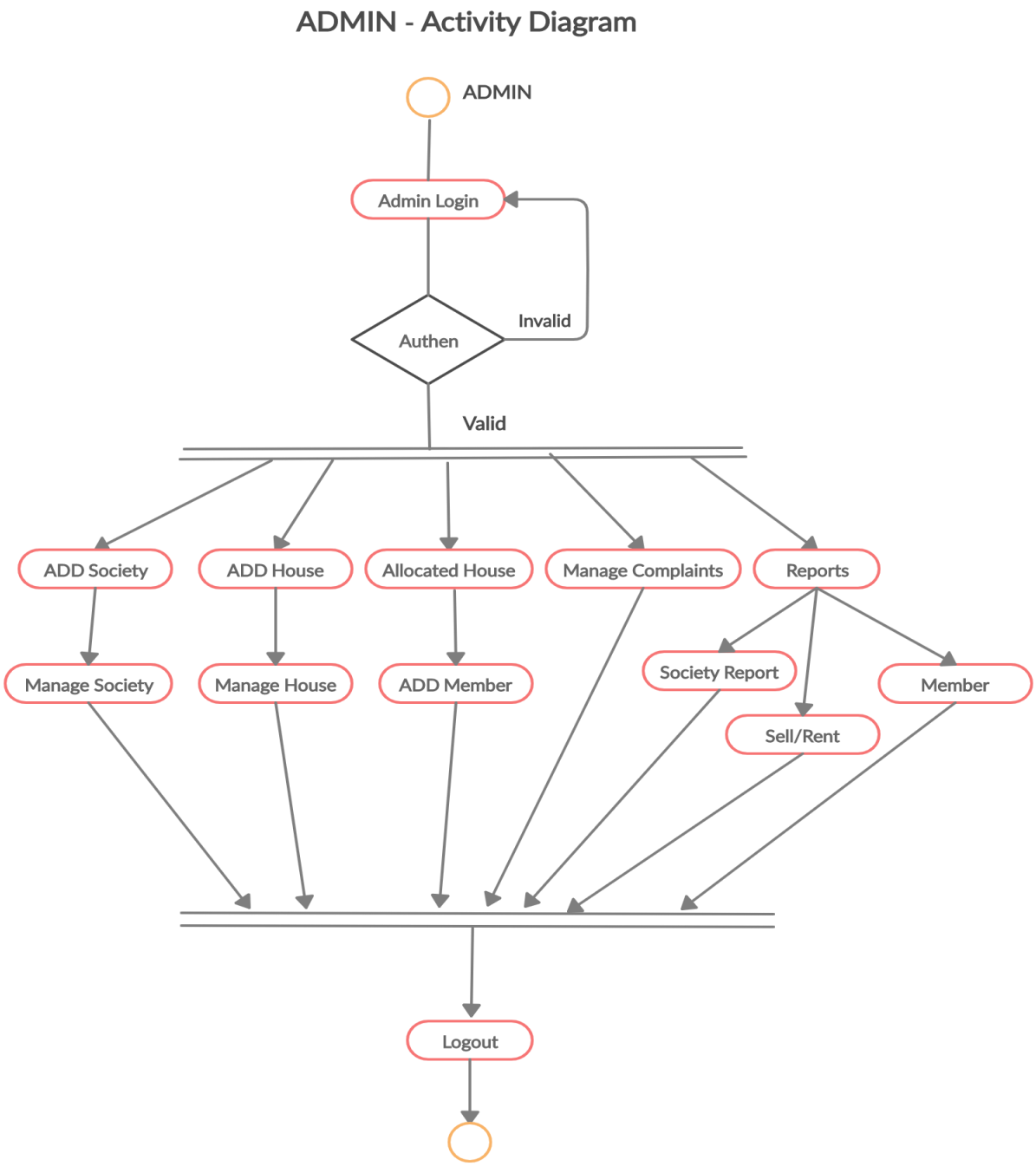
4.2.1 ER DIAGRAM

- An **Entity–Relationship** model describes interrelated things of interest in a specific domain of knowledge. A basic ER model is composed of entity types (which classify the things of interest) and specifies relationships that can exist between instances of those entity types.

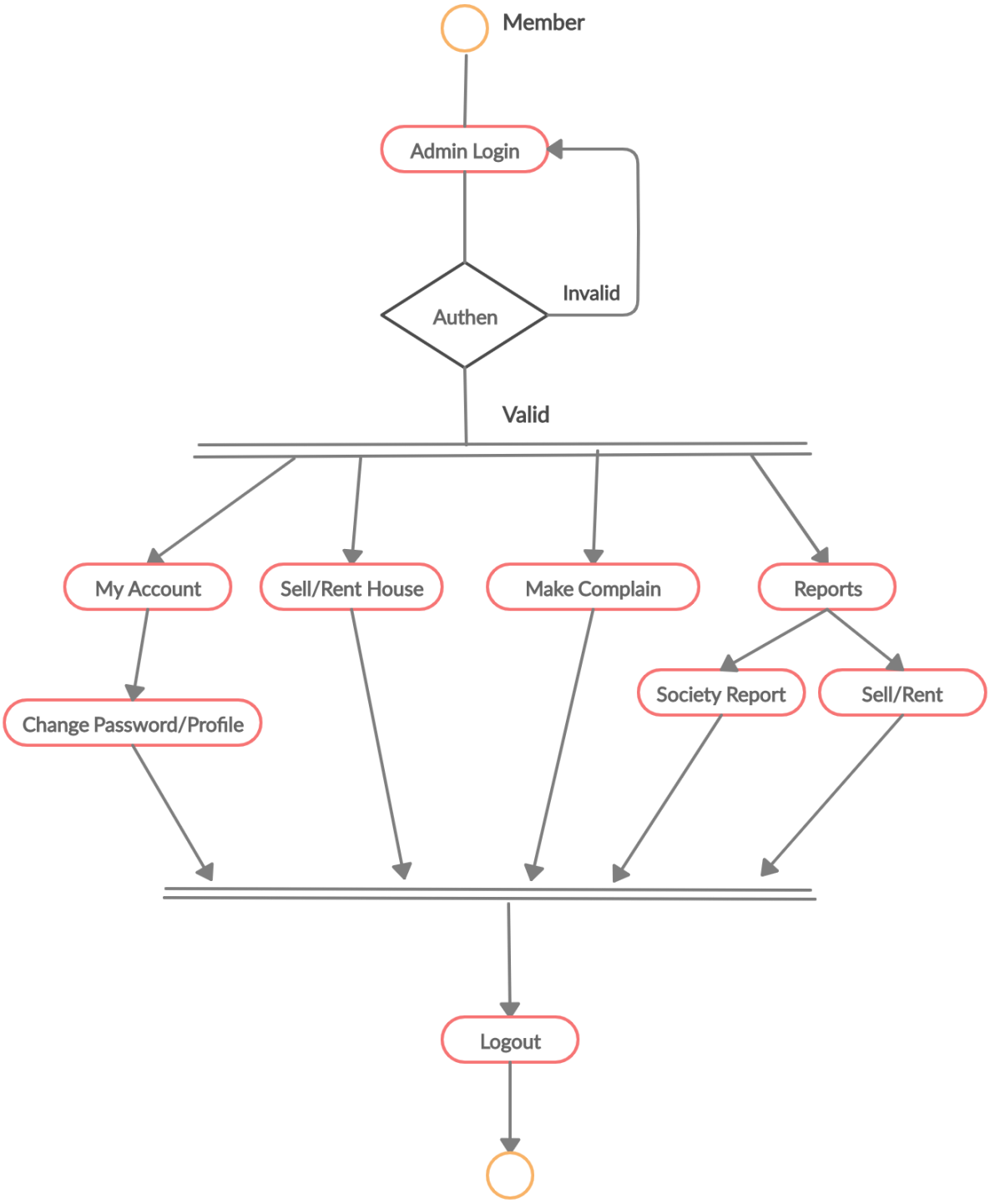


4.2.2 ACTIVITY DIAGRAM

- **Activity Diagram** is another important diagram in UML to describe the dynamic aspects of the system. Activity Diagram is basically a flowchart to represent the flow from one activity to another activity.



MEMBER - Activity Diagram



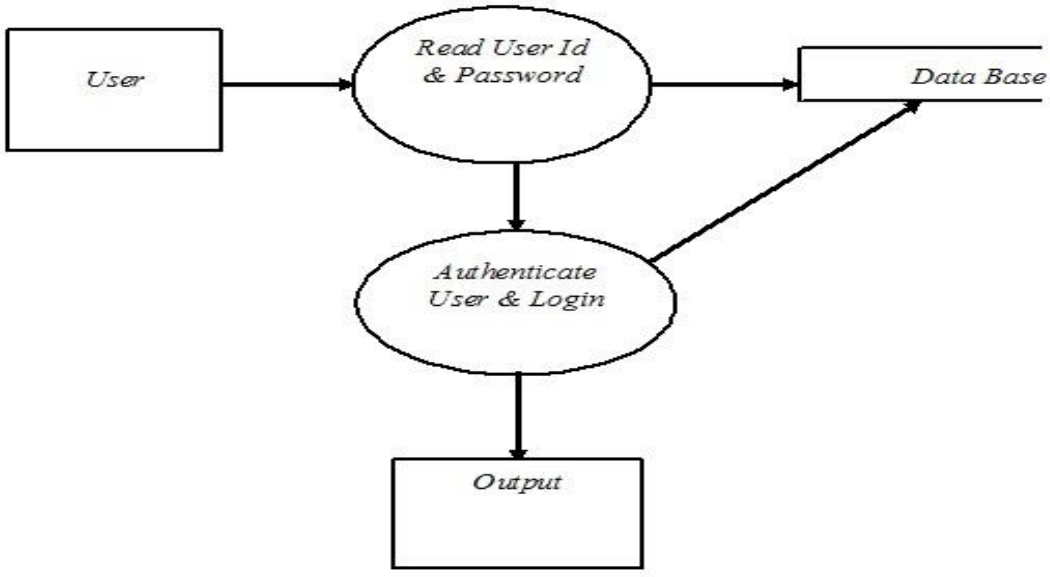
4.3 DATA FLOW DIAGRAM

Data Flow Diagrams show the flow of data from external entities into the system, and from one process to another within the system. There are four symbols for drawing a DFD: Rectangles representing *external entities*, which are sources or destinations of data. Ellipses representing *processes*, which take data as input, validate and process it and output it.

Arrows representing the *data flows*, which can either, be electronic data or physical items.
Open-ended rectangles or a Disk symbol representing *data stores*, including electronic stores such as databases or XML files and physical stores such as filing cabinets or stacks of paper.

Figures are the Data Flow Diagrams for the current system. Each process within the system is first shown as a Context Level DFD and later as a Detailed DFD. The Context Level DFD provides a conceptual view of the process and its surrounding input, output and data stores. The Detailed DFD provides a more detailed and comprehensive view of the interaction among the sub-processes within the system

DFD For Login Of User



5. SYSTEM IMPLEMENTATION

In this section source code of some pages is provided.

Code File: MasterPage.master.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class MasterPage : System.Web.UI.MasterPage
{
   DS_SOCIETY.SOCIETY_SELECTDataTable SDT = new
DS_SOCIETY.SOCIETY_SELECTDataTable();
   DS_SOCIETYTableAdapters.SOCIETY_SELECTTableAdapter SAdapter =
new DS_SOCIETYTableAdapters.SOCIETY_SELECTTableAdapter();

   DS_USER.USERMST_SELECTDataTable UDT = new
DS_USER.USERMST_SELECTDataTable();
   DS_USERTableAdapters.USERMST_SELECTTableAdapter UAdapter = new
DS_USERTableAdapters.USERMST_SELECTTableAdapter();

   protected void Page_Load(object sender, EventArgs e)
   {
      lbllogin.Text = "";
      if (Page.IsPostBack == false)
      {
         SDT = SAdapter.SelectTOP10();
         GridView1.DataSource = SDT;
         GridView1.DataBind();

      }

   }
   protected void btnlogin_Click(object sender, EventArgs e)
   {
      UDT = UAdapter.Select_Login(txtuname.Text, txtupass.Text);
```

```
        if (UDT.Rows.Count > 0)
        {
            Session["uid"] = UDT.Rows[0]["UID"].ToString();
               Session["uname"] = txtuname.Text;
            Session["upass"] = txtupass.Text;
            Session["fname"] = UDT.Rows[0]["fname"].ToString();
            Session["email"] = UDT.Rows[0]["email"].ToString();
            Response.Redirect("LHome.aspx");
        }
        else
        {
            lbllogin.Text = "Invalid User !!";
        }
    }
    protected void GridView1_RowCommand(object sender,
GridViewCommandEventArgs e)
    {
        Session["sname"] = e.CommandArgument.ToString();
        Response.Redirect("Societylist.aspx");
    }
}
```

Code File: Login.master.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Login : System.Web.UI.MasterPage
{
    DS_SOCIETY.SOCIETY_SELECTDataTable SDT = new
DS_SOCIETY.SOCIETY_SELECTDataTable();
    DS_SOCIETYTableAdapters.SOCIETY_SELECTTableAdapter SAdapter =
new DS_SOCIETYTableAdapters.SOCIETY_SELECTTableAdapter();
```

```
    DS_USER.USERMST_SELECTDataTable UDT = new
DS_USER.USERMST_SELECTDataTable();
    DS_USERTableAdapters.USERMST_SELECTTableAdapter UAdapter = new
DS_USERTableAdapters.USERMST_SELECTTableAdapter();

    protected void Page_Load(object sender, EventArgs e)
    {
        if (Session["uid"] == null)
        {
            Response.Redirect("Default.aspx");
        }
        else
        {
            UDT =
UAdapter.Select_By_UID(Convert.ToInt32(Session["uid"].ToString()));
            Image2.ImageUrl = UDT.Rows[0]["image"].ToString();
            lblname.Text = Session["fname"].ToString();
            if (Page.IsPostBack == false)
            {
                SDT = SAdapter.SelectTOP10();
                GridView1.DataSource = SDT;
                GridView1.DataBind();
            }
        }
    }
    protected void btnlogin_Click(object sender, EventArgs e)
    {
    }
    protected void Button6_Click(object sender, EventArgs e)
    {

    }
    protected void Button3_Click(object sender, EventArgs e)
    {

    }
    protected void LinkButton1_Click(object sender, EventArgs e)
    {
        Session["uid"] = null;
        Session["img"] = null;
```

```
        Response.Redirect("Default.aspx");
    }
    protected void GridView1_RowCommand(object sender,
GridViewCommandEventArgs e)
    {
        Session["sname"] = e.CommandArgument.ToString();
        Response.Redirect("LSearch.aspx");
    }
}
```

Code File: Home.aspx.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Admin_Home : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        lblmsg.Text = "";
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        if (txtuname.Text == "admin" && txtupass.Text == "admin")
        {
            Response.Redirect("AddSociety.aspx");
        }
        else
        {
            lblmsg.Text = "Error !!";
        }
    }

}
```

6. RESULT

6.1 DATABASE TABLES:

UserMst

	Name	Data Type	Allow Nulls
🔑	UID	int	☐
	FName	nvarchar(50)	☑
	LName	nvarchar(50)	☑
	Email	nvarchar(50)	☑
	Mobile	nvarchar(10)	☑
	Bdate	datetime	☑
	HouseID	int	☑
	SocietyName	nvarchar(50)	☑
	Member	int	☑
	UserName	nvarchar(50)	☑
	Password	nvarchar(50)	☑
	Image	nvarchar(200)	☑
	Entrydate	datetime	☑

SocietyMst

	Name	Data Type	Allow Nulls
🔑	SID	int	☐
	SName	nvarchar(500)	☑
	Address	nvarchar(500)	☑
	City	nvarchar(50)	☑
	Pincode	nvarchar(10)	☑
	NoHouse	int	☑
	Image	nvarchar(200)	☑
	EntryDate	datetime	☑
			☐

HouseMst

	Name	Data Type	Allow Nulls
🔑	HID	int	☐
	BlockNo	int	☑
	Type	nvarchar(50)	☑
	Detail	nvarchar(200)	☑
	SName	nvarchar(50)	☑
	Image	nvarchar(200)	☑
	EntryDate	datetime	☑

SellMst

	Name	Data Type	Allow Nulls
🔑	SID	int	☐
	HID	int	☑
	SName	nvarchar(50)	☑
	UID	int	☑
	Sell	float	☑
	EntryDate	datetime	☑

RentMst

	Name	Data Type	Allow Nulls
🔑	RID	int	☐
	HID	int	☑
	SName	nvarchar(50)	☑
	UID	int	☑
	Rent	float	☑
	EntryDate	datetime	☑

MessageMst

	Name	Data Type	Allow Nulls
🔑	MID	int	☐
	FromName	nvarchar(200)	☑
	ToName	nvarchar(200)	☑
	Subject	nvarchar(200)	☑
	Message	nvarchar(500)	☑
	Entrydate	datetime	☑

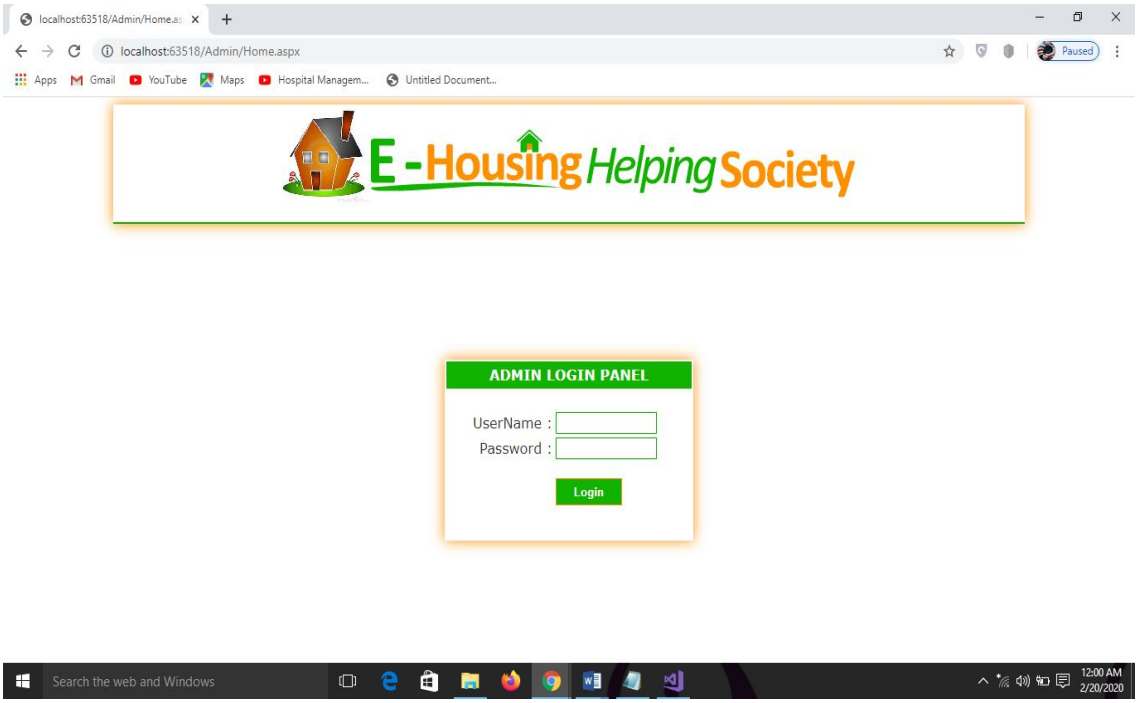
ComplainMst

	Name	Data Type	Allow Nulls
🔑	CID	int	☐
	UID	int	☑
	Subject	nvarchar(200)	☑
	Complain	nvarchar(500)	☑
	Reply	nvarchar(200)	☑
	Status	nvarchar(50)	☑
	Entrydate	datetime	☑
			☐

6.1 Screenshot

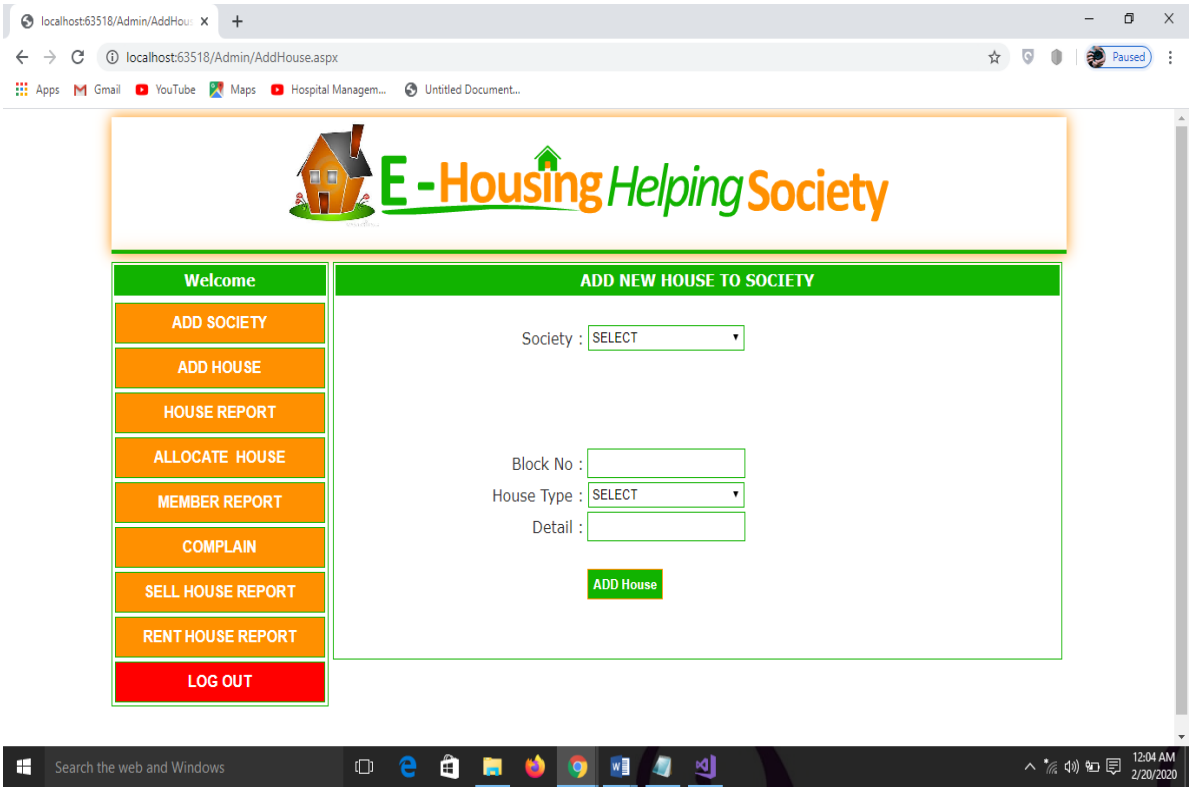
HomePage

Admin LoginPage



Add Society

Add New House To Society



Allocate House To Member

7. CONCLUSION AND FUTURE SCOPE

Conclusion:

The package was designed in such a way that future modifications can be done

easily. The following conclusion can be deduced from the development of the project.

- Automation of the entire system improves the efficiency
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

Future Scope:

This application avoids the manual work and the problems concern with it. It is an easy way to obtain the information regarding the various travel services that are present in our System.

Well I worked hard in order to present an improved website better than the existing one's regarding the information about the various activities. Still, we found out that the project can be done in a better way.

This project can be enhanced further by Developing a Mobile App. Also we can Develop a Full Fledged accounting module.

The software is flexible enough to be modified and implemented as per future requirements.

References

1. *Kamal Acharya. School management system project report. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172254873.34023165/v1*

2. *Kamal Acharya. A CASE STUDY OF CINEMA MANAGEMENT SYSTEM PROJECT. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172254873.30191075/v1*

3. *Kamal Acharya. A CASE STUDY ON ONLINE TICKET BOOKING SYSTEM PROJECT. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172254872.26972790/v1*

4. *Kamal Acharya. Web chatting application project report management system. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172254871.18588592/v1*

5. *Kamal Acharya. RETAIL STORE MANAGEMENT SYSTEM PROJECT REPORT. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172254871.14590154/v1*

6. *Kamal Acharya. SUPERMARKET MANAGEMENT SYSTEM PROJECT REPORT. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172252491.19145062/v1*

7. *Kamal Acharya. SOCIAL MEDIA MANAGEMENT SYSTEM PROJECT REPORT. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172252491.11210579/v1*

8. *Kamal Acharya. Online music portal management system project report. Authorea. August 01, 2024. DOI: https://doi.org/10.22541/au.172252488.89734698/v1*

9. *Kamal Acharya. COLLEGE BUS MANAGEMENT SYSTEM PROJECT REPORT. Authorea. July 31, 2024. DOI: https://doi.org/10.22541/au.172245277.70798942/v1*

10. *Kamal Acharya. AUTOMOBILE MANAGEMENT SYSTEM PROJECT REPORT. Authorea. July 31, 2024. DOI: https://doi.org/10.22541/au.172245276.67982593/v1*

11. *Kamal Acharya. Ludo management system project report. Authorea. July 31, 2024. DOI: https://doi.org/10.22541/au.172243999.98091616/v1*

12. *Kamal Acharya. Literature online quiz system project report. Authorea. July 31, 2024 DOI: https://doi.org/10.22541/au.172243825.53562953/v1*

13. *Kamal Acharya. Avoid waste management system project. Authorea. July 29, 2024. DOI: https://doi.org/10.22541/au.172228528.85022205/v1*

14. *Kamal Acharya. CHAT APPLICATION THROUGH CLIENT SERVER MANAGEMENT SYSTEM PROJECT. Authorea. July 29, 2024. DOI: https://doi.org/10.22541/au.172228527.74316529/v1*

15. *Acharya, Kamal, Online Job Portal Management System (May 5, 2024). Available at SSRN: https://ssrn.com/abstract=4817534* or *http://dx.doi.org/10.2139/ssrn.4817534*

16. *Acharya, Kamal, Employee leave management system. (May 7, 2024). Available at SSRN: https://ssrn.com/abstract=4819626* or *http://dx.doi.org/10.2139/ssrn.4819626*

17. *Acharya, Kamal, Online electricity billing project report. (May 7, 2024). Available at SSRN: https://ssrn.com/abstract=4819630* or *http://dx.doi.org/10.2139/ssrn.4819630*

18. Acharya, Kamal, POLICY MANAGEMENT SYSTEM PROJECT REPORT. (December 10, 2023). Available at SSRN: https://ssrn.com/abstract=4831694 or http://dx.doi.org/10.2139/ssrn.4831694

19. Acharya, Kamal, Software testing for project report. (May 16, 2023). Available at SSRN: https://ssrn.com/abstract=4831028 or http://dx.doi.org/10.2139/ssrn.4831028

20. Acharya, Kamal, ONLINE CRIME REPORTING SYSTEM PROJECT. (August 10, 2022). Available at SSRN: https://ssrn.com/abstract=4831015 or http://dx.doi.org/10.2139/ssrn.4831015

21. Acharya, Kamal, Burger ordering system project report. (October 10, 2022). Available at SSRN: https://ssrn.com/abstract=4832704 or http://dx.doi.org/10.2139/ssrn.4832704

23. Acharya, Kamal, Teachers Record Management System Project Report (December 10, 2023). Available at SSRN: https://ssrn.com/abstract=4833821 or http://dx.doi.org/10.2139/ssrn.4833821

23. Acharya, Kamal, Dairy Management System Project Report (December 20, 2020). Available at SSRN: https://ssrn.com/abstract=4835231 or http://dx.doi.org/10.2139/ssrn.4835231

24. Acharya, Kamal, Electrical Shop Management System Project (December 10, 2019). Available at SSRN: https://ssrn.com/abstract=4835238 or http://dx.doi.org/10.2139/ssrn.4835238

25. Acharya, Kamal, Online book store management system project report. (Febuary 10, 2020). Available at SSRN: https://ssrn.com/abstract=4835277 or http://dx.doi.org/10.2139/ssrn.4835277

26. Acharya, Kamal, Paint shop management system project report. (January 10, 2019). Available at SSRN: https://ssrn.com/abstract=4835441 or http://dx.doi.org/10.2139/ssrn.4835441

27. Acharya, Kamal, Supermarket billing system project report. (August 10, 2021). Available at SSRN: https://ssrn.com/abstract=4835474 or http://dx.doi.org/10.2139/ssrn.4835474

28. Acharya, Kamal, Online taxi booking system project report. (March 10, 2022). Available at SSRN: https://ssrn.com/abstract=4837729 or http://dx.doi.org/10.2139/ssrn.4837729

29. Acharya, Kamal, Online car servicing system project report. (March 10, 2023). Available at SSRN: https://ssrn.com/abstract=4837832 or http://dx.doi.org/10.2139/ssrn.4837832

30. Acharya, Kamal, School management system project report. (July 10, 2021). Available at SSRN: https://ssrn.com/abstract=4837837 or http://dx.doi.org/10.2139/ssrn.4837837

31. Acharya, Kamal, Furniture Showroom Management System Project Report (March 21, 2021). Available at SSRN: https://ssrn.com/abstract=4839422 or http://dx.doi.org/10.2139/ssrn.4839422

32. Acharya, Kamal, Online Vehicle Rental System Project Report (March 21, 2019). Available at SSRN: https://ssrn.com/abstract=4839429 or http://dx.doi.org/10.2139/ssrn.4839429

33. Acharya, Kamal, Fruit Shop Management System Project Report (August 10, 2023). Available at SSRN: https://ssrn.com/abstract=4841048 or http://dx.doi.org/10.2139/ssrn.4841048

34. Acharya, Kamal, Hall Booking Management System Project Report (December 21, 2023). Available at SSRN: https://ssrn.com/abstract=4841055 or http://dx.doi.org/10.2139/ssrn.4841055

35. Acharya, Kamal, Lundry Management System Project Report (October 21, 2023). Available at SSRN: https://ssrn.com/abstract=4841059 or http://dx.doi.org/10.2139/ssrn.4841059

36. *Acharya, Kamal, A CASE STUDY OF CINEMA MANAGEMENT SYSTEM PROJECT (September 25, 2023). Available at SSRN: https://ssrn.com/abstract=4841209* or *http://dx.doi.org/10.2139/ssrn.4841209*

37. *Acharya, Kamal, A CASE STUDY ON ONLINE TICKET BOOKING SYSTEM PROJECT (May 25, 2024). Available at SSRN: https://ssrn.com/abstract=4841210* or *http://dx.doi.org/10.2139/ssrn.4841210*

38. *Acharya, Kamal, ONLINE DATING MANAGEMENT SYSTEM PROJECT REPORT. (April 25, 2023). Available at SSRN: https://ssrn.com/abstract=4842066 or http://dx.doi.org/10.2139/ssrn.4842066*

39. *Acharya, Kamal, ONLINE RESUME BUILDER MANAGEMENT SYSTEM PROJECT REPORT. (April 25, 2021). Available at SSRN: https://ssrn.com/abstract=4842071 or http://dx.doi.org/10.2139/ssrn.4842071*

40. *Acharya, Kamal, TOLL TEX MANAGEMENT SYSTEM PROJECT REPORT (August 21, 2023). Available at SSRN: https://ssrn.com/abstract=4842082 or http://dx.doi.org/10.2139/ssrn.4842082*

41. *Acharya, Kamal, Chat Application Through Client Server Management System Project Report (June 25, 2023). Available at SSRN: https://ssrn.com/abstract=4842761 or http://dx.doi.org/10.2139/ssrn.4842761*

42. *Acharya, Kamal, Web Chatting Application Management System Project Report (April 25, 2022). Available at SSRN: https://ssrn.com/abstract=4842771 or http://dx.doi.org/10.2139/ssrn.4842771*

43. *Acharya, Kamal, Automobile management system project report (May 25, 2022). Available at SSRN: https://ssrn.com/abstract=4846917 or http://dx.doi.org/10.2139/ssrn.4846917*

44. *Acharya, Kamal, College bus management system project report (April 25, 2023). Available at SSRN: https://ssrn.com/abstract=4846920 or http://dx.doi.org/10.2139/ssrn.4846920*

45. *Acharya, Kamal, Courier management system project report (May 25, 2023). Available at SSRN: https://ssrn.com/abstract=4846922 or http://dx.doi.org/10.2139/ssrn.4846922*

46. *Acharya, Kamal, Event management system project report (April 25, 2021). Available at SSRN: https://ssrn.com/abstract=4846927 or http://dx.doi.org/10.2139/ssrn.4846927*

47. Acharya, Kamal, Library management system project report II (May 25, 2020). Available at SSRN: https://ssrn.com/abstract=4848857 or http://dx.doi.org/10.2139/ssrn.4848857